

A NEW PHYSA FROM CALIFORNIA.

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PHYSA MARCI, new species.

Shell small, sinistral, elongate-ovate; whorls 4-5, flatly rounded; spire short, acutely dome-shaped, one-half as long as aperture; body whorl compressed, flatly rounded; color yellowish or greenish horn; sculpture of coarse lines of growth with no (or but very fine) spiral impressed lines; sutures well impressed, deeply so between body and penultimate whorl; aperture elongate ovate, widely rounded below, acutely angled above, occupying two-thirds of the length of the shell; peristome thin, sharp, with rarely an indication of internal rib; columella covered with a thick, very wide callus, which is especially wide near the umbilical region, either completely closing the umbilicus or leaving a very small, narrow chink; color of interior of aperture whitish.

FIG. 5.

*Physa marci*.

Length 6, width 4; aperture length 4.1, width 2 mm. Type.

Length 4.5, width 3.3; aperture length 3.2, width 1.5 mm.

Paratype.

Type locality: Little Valientia Spring (hot sulphur spring), Santa Barbara National Forest, California. Collected by Mr. Marcus Dall.

This little *Physa* differs from all other species at present known from the southwestern part of the United States. It somewhat resembles small forms of the eastern *Physa gyrina* Say, but differs wholly in sculpture as well as in size. *Physæ* from chemical springs are apparently rare. The small size and form of this species are probably due to the environment which seems to have inhibited growth.

Type, Cat. No. 359544, United States National Museum. Paratype, No. Z14210, Natural History Museum, University of Illinois. Cat. No. 359545, U. S. N. M., contains a paratype, and Cat. No. 359546, U. S. N. M., 18 specimens, all from the type locality.